

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 3930.3US (99-0051.03/US)		Application Number Not yet assigned	
Applicant Akram t al.				Filing Date August 26, 2003		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,810,868	03/1989	Drexler	_____	_____	
	5,012,187	04/1991	Littlebury	_____	_____	
	5,173,220	12/1992	Reiff et al.	_____	_____	
	5,264,061	11/1993	Juskey et al.	_____	_____	
	5,278,442	01/1994	Prinz et al.	_____	_____	
	5,282,312	02/1994	DiStefano et al.	_____	_____	
	5,484,314	01/1996	Farnworth	_____	_____	
	5,500,605	03/1996	Chang	_____	_____	
	5,625,298	04/1997	Hirano et al.	_____	_____	
	5,634,267	06/1997	Farnworth et al.	_____	_____	
	5,659,952	08/1997	Kovac et al.	_____	_____	
	5,705,117	01/1998	O'Connor et al.	_____	_____	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED 9/26/05
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				Applicant Akram et al.			
				Filing Date August 26, 2003		Group Art Unit Unknown	

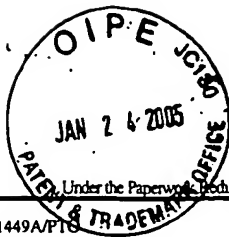
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MF	5,736,279	04/1998	Mott et al.			
	5,802,699	09/1998	Fjelstad et al.			
	5,915,977	06/1999	Hembree et al.			
	6,002,266	12/1999	Briggs et al.			
	6,016,060	01/2000	Akram et al.			
	6,018,249	01/2000	Akram et al.			
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	6,205,660	03/2001	Fjelstad et al.			
	6,242,932 B1	06/2001	Hembree			
	6,297,654	10/2001	Barabi			
	US 2001/0035597	11/2001	Grigg et al.			
✓	US 2001/0051395	12/2001	Grigg et al.			

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STATEMENT BY APPLICANT**

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Sheet 1 of 1

Complete if Known

Application Number	10/648,163
Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	2269-3930.3US (99-0051.03/US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
M		US-4,371,912	February 1, 1983	Guzik	
		US- 4,466,184	August 21, 1984	Cuneo et al.	
		US- 4,512,509	April 23, 1985	Ellis Jr. et al.	
		US- 5,014,418	May 14, 1991	Wright	
		US- 5,085,362	February 4, 1992	Art et al.	
		US- 5,633,122	May 27, 1997	Tuttle	
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FOREIGN PATENT DOCUMENTS

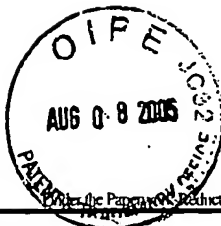
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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Sheet

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of

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Complete if Known

Application Number	10/648,163
Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	M. Trinh
Attorney Docket Number	2269-3930.3US (99-0051.03/US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,290,193	03/01/1994	Goff et al.	
		US- 5,646,447	07/08/1997	Ramsey et al.	
		US- 5,807,104	09/15/1998	Ikeya et al.	
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		Filing Date	August 26, 2003		
		First Named Inventor	Akram et al.		
		Group Art Unit	3729		
		Examiner Name	Unknown		
Sheet	1	of	1	Attorney Docket Number	2269-3930.3US (99-0051.03/US)

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Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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MT		US-3,777,221	12/04/1973	Tatusko et al.	
		US- 5,014,161	05/07/1991	Lee et al.	
		US- 5,559,444	09/24/1996	Farnworth et al.	
		US- 5,561,328	10/01/1998	Massingill et al	
		US- 5,773,320	06/30/1998	Bayerer	
		US- 2003/0111727 A1	06/19/2003	Kurusu	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

Complete if Known

Application Number	10/648,163
Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	2269-3930 31JS (99-0051 03/1JS)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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mt		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
↓		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
↓		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page	

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Sheet	1	of	3
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Application Number	10/648,163
Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	3930.31US (99-0051.03/US)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Name	Unknown
Attorney Docket Number	3930 31US (99-0051 03/US)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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M+		U.S. Patent Application Publication No. 2002/0102829 A1 to Williams, dated August 1, 2002	
		U.S. Patent Application Publication No. 2002/0111003 A1 to Williams, dated August 15, 2002	
		U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	
		U.S. Patent Application Publication No. 2003/0045047 A1 to Williams, dated March 6, 2003	
		U.S. Patent Application Publication No. 2003/0068840 A1 to Grigg, dated April 10, 2003	
		U.S. Patent Application Publication No. 2003/0098470 A1 to Williams, dated May 29, 2003	
		U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003	
		U.S. Patent Application Publication No. 2003/0151167 A1 to Kritchman et al., dated August 14, 2003	
		U.S. Patent Application Publication No. 2003/0180974 A1 to Akram, dated September 25, 2003	
		U.S. Patent Application Publication No. 2003/0181003 A1 to Akram, dated September 25, 2003	
✓		U.S. Patent Application Publication No. 2003/0186496 A1 to Akram, dated October 2, 2003	

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9/26/05

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First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	3930 311S (99,0051 03/11S)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		MILLER et al., "Maskless-Mesoscale-Materials Deposition", Deposition Technology, September 2001, pages 20-22	
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
		Webpage, Objet Prototyping the Future, Objet FullCure 700 Series, 1 page	
mt		Webpage, Objet Prototyping the Future, How it Works, 2 pages	
↓		U.S. Application No. 09/511,986, filed February 24, 2000, "Stereolithographically Fabricated Conductive Elements, Semiconductor Device Components and Assemblies Including Such Conductive Elements, and Methods", inventor Vernon M. Williams	
↓		U.S. Application No. 10/619,963, filed July 15, 2003, "Stereolithographic Methods for Securing Conductive Elements to Contacts of Semiconductor Device Components", inventor Vernon M. Williams	
✓		U.S. Application No. 10/641,471, filed August 14, 2003, "Protective Structures for Bond Wires", inventor Salman Akram	

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